PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER	see Form PCT/ISA/220
AIW/LH/41829	ACTION as we	as, where applicable, item 5 below.
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/GB2004/001140	18/03/2004	18/03/2003
Applicant		
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MOLINS PLC		. *************************************
This International Search Report has been according to Article 18. A copy is being tra	n prepared by this International Searching Aut	hority and is transmitted to the applicant
This International Search Report consists	of a total of sheets.	
X It is also accompanied by	a copy of each prior art document cited in this	report.
Basis of the report		
a. With regard to the language, the language in which it was filed, unl	international search was carried out on the ba ess otherwise indicated under this item.	sis of the international application in the
The international this Authority (Rul	search was carried out on the basis of a trans	ation of the international application furnished to
b. With regard to any nucleo	otide and/or amino acid sequence disclosed	in the international application, see Box No. I.
2. Certain claims were four	nd unsearchable (See Box II).	
3. Unity of invention is lack	king (see Box III).	
4. With regard to the title ,		
the text is approved as su	bmitted by the applicant.	
X the text has been establish	hed by this Authority to read as follows:	
IGNITION SYSTEM FOR A	SMOKING MACHINE	
5. With regard to the abstract ,		
the text is approved as suf	• • • • • • • • • • • • • • • • • • • •	
X the text has been establish may, within one month fro	ned, according to Rule 38.2(b), by this Authori m the date of mailing of this international sear	ty as it appears in Box No. IV. The applicant ch report, submit comments to this Authority.
6. With regards to the drawings,		
 a. the figure of the drawings to be p 	ublished with the abstract is Figure No7_	
X as suggested by t	he applicant.	
as selected by this	s Authority, because the applicant failed to sug	gest a figure.
· —	s Authority, because this figure better characte	erizes the invention.
b none of the figures is to be	published with the abstract.	

International application No.

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Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

The present invention provides an ignition system for a smoking machine, comprising a heat source (2) that is adapted for emitting heat for igniting one end of a smoking article which is held by a smoking machine; an automatic sensor (3, 4) which is adapted for detecting the position of said end of the smoking article; and control means in communication with said sensor (3, 4), which are adapted for automatically adjusting the operation of said heat source (2) and/or for automatically adjusting relative movement of said heat source (2) and/or of said article, depending on the position of said end as detected by said sensor (3, 4), such as to enable successful ignition of said end by said heat source (2). The invention further provides a kit of components for forming an ignition system in accordance with the invention, and a smoking machine comprising an ignition system in accordance with the invention.

International Application No PCT/GB2004/001140

A. CLASS	IFICATION OF SUBJECT MATTER			
IPC 7	A24C5/34			
According	o International Patent Classification (IPC) or to both national classifi	igntion and IDC		
	SEARCHED	cation and IPC		
Minimum d	ocumentation searched (classification system followed by classifica	tion symbols)		
IPC 7	A24C G01N			
Documenta	tion searched other than minimum documentation to the extent that	such documents are included in the fields so	earched	
Electronic o	ata base consulted during the international search (name of data b	ase and where practical search terms used	<u> </u>	
	ternal, WPI Data	ase and, where practical, search terms used	,	
LI O-III	ternar, wir bata			
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT			
Category °	Citation of document, with indication, where appropriate, of the re	elevant passages	Relevant to claim No.	
X	EP 0 880 020 A (JAPAN TOBACCO IN	C)	1-7,19,	
:	25 November 1998 (1998-11-25)		20,22-25	
	column 7, line 25 - line 55; fig column 11, line 57 -column 12, l	ures ine 36		
		THE 30		
X	EP 0 581 596 A (JAPAN TOBACCO IN	C)	1-4,	
	2 February 1994 (1994-02-02) 22-25			
	column 5, line 20 - line 57	i		
Α	US 4 858 628 A (NORMAN ALAN B E	T AL)	1,22,23	
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	abstract; claims 12,13; figures			
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Furth	er documents are listed in the continuation of box C.	Patent family members are listed in	n annex.	
° Special cat	egories of cited documents:	*T* later document published after the intel	rnational filing date	
	nt defining the general state of the art which is not	or priority date and not in conflict with cited to understand the principle or the	the application but	
"E" earlier d	ered to be of particular relevance ocument but published on or after the international	invention "X" document of particular relevance; the cl	, , , ,	
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which i	s cited to establish the publication date of another or other special reason (as specified)	*Y* document of particular relevance; the ci	aimed invention	
"O" docume other m	nt referring to an oral disclosure, use, exhibition or	cannot be considered to involve an involve document is combined with one or mo	re other such docu-	
P' docume	nt published prior to the international filing date but	ments, such combination being obviou in the art.	·	
	an the priority date claimed	*&* document member of the same patent f		
Date of the a	ctual completion of the international search	Date of mailing of the international sear	ch report	
1	July 2004	14/07/2004		
Name and m	ailing address of the ISA	Authorized officer		
	European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk			
	Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	MARZANO MONTEROSSO)	
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Information on patent family members

International Application No
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	itent document I in search report	İ	Publication date		Patent family member(s)	Publication date
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| pnal Application No | PCT/GB2004/001140

A. CLASSIF	FICATION OF SUBJECT MATTER A24C5/34		
110 /	//L (00) 0 -		
According to	International Patent Classification (IPC) or to both national classification	on and IPC	
B. FIELDS	SEARCHED		
Minimum do	cumentation searched (classification system followed by classification $A24C - G01N$	symbols)	
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Documentat	ion searched other than minimum documentation to the extent that suc	ch documents are included in the fields se	arched
	Washington of data have	and whore practical search terms used	
	ata base consulted during the International search (name of data base	alio, where plactical, search terms used,	
ELO-TU	ternal, WPI Data		,
C. DOCUMI	ENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant	vant passages	Relevant to claim No.
		`	1_7 10
X	EP 0 880 020 A (JAPAN TOBACCO INC 25 November 1998 (1998-11-25))	1-7,19, 20,22-25
	column 7, line 25 - line 55; figu	res	-
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	abstract; claims 12,13; figures		
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Fur	ther documents are listed in the continuation of box C.	Y Patent family members are listed	in annex.
° Special c	ategories of cited documents :	"T" later document published after the into or priority date and not in conflict with	emational filing date the application but
"A" docum	nent defining the general state of the art which is not idered to be of particular relevance	cited to understand the principle or th invention	eory underlying the
"E" earlier filing		"X" document of particular relevance; the cannot be considered novel or cannot	t be considered to
which	nent which may throw doubts on priority claim(s) or in scited to establish the publication date of another	involve an inventive step when the do	claimed invention
"O" docum	on or other special reason (as specified) nent referring to an oral disclosure, use, exhibition or	cannot be considered to involve an indocument is combined with one or ments, such combination being obvious	ore other such docu-
P docum	r means nent published prior to the International filing date but than the priority date claimed	in the art. "&" document member of the same patent	
	e actual completion of the international search	Date of mailing of the international sea	
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<u> </u>	1 July 2004		
Name and	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer	
	NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,	MARZANO MONTEROSS	50

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